

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A multifunction antenna ~~having the following features~~comprising:

- ~~the antenna device comprises~~a chassis having a leading region and a trailing region,

at least four antennas (A, B, C, D),

at least one of said one antennas (C) is being suitable for receiving satellite signals, ~~in particular digital satellite signals,~~

at least one of said antennas (A) is provided for receiving terrestrial signals, in particular terrestrially emitted radial programs,

at least one of said antennas (D) is provided for the mobile radio field, and

at least one of said antennas is provided for determining the geoposition,
~~characterized by the following further features~~

~~the antenna (A) for receiving terrestrial signals is being~~ provided as a separate antenna in addition to the antenna (C) for receiving satellite signals,

~~the at least four antennas (A, B, C, D) are being~~ arranged in a prescribed sequence on a said chassis (1), specifically the antenna (A) for receiving the terrestrially emitted signals is being arranged at one end of said chassis, followed by the antenna (B) for determining the geoposition, followed by the antenna (C) for receiving satellite signals, and followed by the antenna (D) for the mobile radio field,

the center-to-center distance between the terrestrial antenna-(A) and the adjacent antenna-(B) for geopositioning is being smaller than the center-to-center distance between the geopositioning antenna-(B) and the adjacent antenna-(C) for receiving satellite signals,

the center-to-center distance between the antenna-(B) for geopositioning and the adjacent satellite antenna-(A) is being smaller than the center-to-center distance between the satellite antenna-(C) and the antenna-(D) for the mobile radio field, and

- the antenna-(A) for receiving the terrestrially emitted signals is being arranged in the leading region-(3) of the chassis-(1) such that the mobile radio field antenna-(D), seated furthest therefrom, ~~for the mobile radio field~~ is arranged in the trailing region-(3) on the chassis-(1).

2. (currently amended) The multifunction antenna as claimed in claim 1, characterized ~~in that the~~ wherein at least three of said four adjacent antennas-(A), -(B), -(C) are arranged adjacently on the a longitudinal region of the chassis-(1), which amounts to less than 60% of the overall length of the chassis-(1).

3. (currently amended) The multifunction antenna as claimed in claim 1 ~~or 2~~, characterized ~~in that~~ wherein the antenna-(C) for receiving the satellite signals ~~consists of~~ comprises a patch antenna.

4.(currently amended) The multifunction antenna as claimed in ~~one of claims 1 to 3~~
claim 1, characterized in that wherein the antenna (B) for carrying out geopositioning
~~consists of~~comprises a patch antenna.

5. (currently amended) The multifunction antenna as claimed in ~~one of claims 1 to 4~~
claim 1, characterized in that wherein the antenna (A) for receiving terrestrial signals
~~consists of~~comprises at least a monopole, ~~preferably in the form of a rod.~~

6. (currently amended) The multifunction antenna as claimed in ~~one of claims 1 to 5~~
claim 1, characterized in that wherein the antenna (D) for the mobile radio field is
suitable for receiving at least in one mobile radio frequency band, ~~preferably in at least~~
~~two and preferably in at least three frequency bands.~~

7. (currently amended) The multifunction antenna as claimed in claim 6,
~~characterized in that wherein the antenna (D) for the mobile radio field consists~~
comprises ~~of~~ electrically conducting surfaces that are formed on a substrate, ~~in~~
~~particular a printed circuit board.~~

8. (currently amended) The multifunction antenna as claimed in ~~one of claims 1 to~~
7 claim 1, wherein the housing has a fin-like housing cover, and characterized in that all
the four antennas (A, B, C, D) are arranged on the chassis (1) beneath a said fin-like
housing cover (9).

9. (currently amended) The multifunction antenna as claimed in ~~one of claims 1 to 8~~
claim 1, characterized in that wherein in plan view the chassis is ~~fashioned~~ structured
like a boat or surfboard or at least similarly.